



Make today matter

This programme focuses on the chemical composition, structure and nutritional value of food. The interaction of food components during processing, preservation and storage is studied by making use of chemistry, physics, biological and mathematical principles. Candidates who are likely to excel are those who enjoy science and are keen on understanding food production from farm to fork.

### What makes this programme unique?

Candidates study a product that is used daily by all people and therefore prepare themselves to play a role in feeding the nation. A graduate with a BSc (Food Science) degree is eligible for registration as a natural scientist with the South African Council of Natural Scientific Professions (SACNASP).

### Which companies employ our graduates?

Our graduates are employed by all major food production companies eg Nestlé, RCL Foods, In2Foods, Unilever and the Rhodes Food Group; by major food retailers eg Shoprite and Checkers, Woolworths, Pick n Pay; by flavour and additive producing companies eg SAAFI and Cell-Chem; and laboratories that specialise in analysing food in South Africa and all over the world.



### Minimum admission requirements

Programme	Minimum requirements for NSC/IEB for 2024			
	Achievement level			APS
	English Home Language or English First Additional Language	Mathematics	Physical Sciences	
BSc (Food Science) [3 years]	5	5	5	32

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Disclaimer: Refer to the faculty brochure at [www.up.ac.za/programmes](http://www.up.ac.za/programmes) > Undergraduate

## Minimum requirements for qualifications other than the National Senior Certificate (NSC) and the Independent Examination Board (IEB)

Programmes	Minimum requirements for 2024									
	Achievement level									
	Compulsory subjects	GCSE #		HIGCSE NSSC HL	AS Level	A Level	IB		KOMBI ABITUR	KCSE
		CIE	UK		GCE CIE NSSC AS	GCE CIE CGCE UACE WAEC ZIMSEC	IB SL	IB HL		
		IGCSE LGCSE BGCSE SGCSE	England Wales Northern Ireland							
O Level NSSC OL CGCE UCE NECO WAEC ZIMSEC										
These qualifications will be considered for conditional admission only.										
BSc (Biochemistry)	English Mathematics Physics Chemistry									
BSc (Biological Sciences)										
BSc (Biotechnology)										
BSc (Ecology)										
BSc (Zoology)										
BSc (Entomology)										
BSc (Genetics)										
BSc (Human Genetics)										
BSc (Human Physiology)										
BSc (Human Physiology, Genetics and Psychology)										
BSc (Medical Sciences)										
BSc (Microbiology)										
BSc (Plant Science)		C	4	3	C	E	4	3	60-69%	B
BSc (Chemistry)		C	4	3	C	E	4	3	60-69%	B
BSc (Physics)		C	4	3	C	E	4	3	60-69%	B
BSc (Geography and Environmental Sciences)		C	4	3	C	E	4	3	60-69%	B
BSc (Geoinformatics)*										
BSc (Geology)										
BSc (Meteorology)										
BSc (Engineering and Environmental Geology)*										
BSc (Culinary Science)										
BSc (Food Science)										
BSc (Nutrition)										
BScAgric (Agricultural Economics and Agribusiness Management)										
BScAgric (Animal Science)										
BScAgric (Plant Pathology)										
BScAgric (Applied Plant and Soil Sciences)										
BSc (Actuarial and Financial Mathematics)	English Mathematics	C A	4 7	3 1	C A	E C	4 6	3 5	60-69% 80-100%	B A
BSc (Mathematics)	English Mathematics	C	4	3	C	E	4	3	60-69%	B
BSc (Applied Mathematics)		B	5	2	B	D	5	4	70-79%	B+
BSc (Mathematical Statistics)	English Mathematics									
BConSci (Clothing: Retail Management)		C	4	3	C	E	4	3	60-69%	B
BConSci (Food: Retail Management)*		D	3	3	D	E	2	2	50-59%	C+
BConSci (Hospitality Management)*										
BSc – Extended programme – Biological and Agricultural Sciences	English Mathematics Physics Chemistry	D	3	3	D	E	2	2	50-59%	C+
		D	3	3	D	E	2	2	50-59%	C+
BSc – Extended programme – Physical Sciences		D	3	3	D	E	2	2	50-59%	C+
BSc – Extended programme – Mathematical Sciences	English Mathematics	D C	3 4	3 3	D C	E F	2 4	2 3	50-59% 60-69%	C+ B

# Only English with at least a C symbol on this level can be considered for final admission. All other subject requirements per faculty must be on the A and/or AS Level for final admission before registration—refer to subject requirements in the table above.

\* Possible name change.

NOTE: The Faculty of Natural and Agricultural Sciences requires the following achievement levels for IELTS and TOEFL:  
TOEFL – Writing=22; Speaking=23; Reading=21; Listening=17 IELTS – Writing=6; Speaking=6; Reading=6; Listening=6